INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/36753

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : B66B 11/02 US CL : 187/401			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 187/401, 402, 414			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a		Relevant to claim No.
Х	US 5,564,529 A (Ericson et al.) 15 October 1996, Figure 2.		1, 2, 5, 12 and 17-20
x	US 4,361,208 A (Jackson et al.) 30 November 1982, Figure 1.		1-5, 7, 11-15 and 17- 20
A	JP 5-43162 A (Hitachi Building) 23 February 1993, Figures 1-5.		1-20
х	JP 52-55145 A (Hitachi Ltd) 06 May 1977, Figure 1.		1-5, 7, 12, 15 and 17- 20
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D Breston	desuments are listed in the continuation of Pay C	See natest femily annual	
Purther documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: "T" later document published after the international filing date or prior			metional filing date or priority
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		"Y" document of particular relevance; the considered to involve an inventive step combined with one or more other such	when the document is
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"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family	
Date of the actual completion of the international search		Date of mailing of the international search report	
19 April 2004 (19.04.2004)		- 17 MAY 2004	
Name and mailing address of the ISA/US Authorized officer			
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Eileen D. Lillis	
P.O. Box 1450 Alexandria, Virginia 22313-1450		Telephone No. 703-308-1113	
Facsimile No. (703) 305-3230			